



1/13

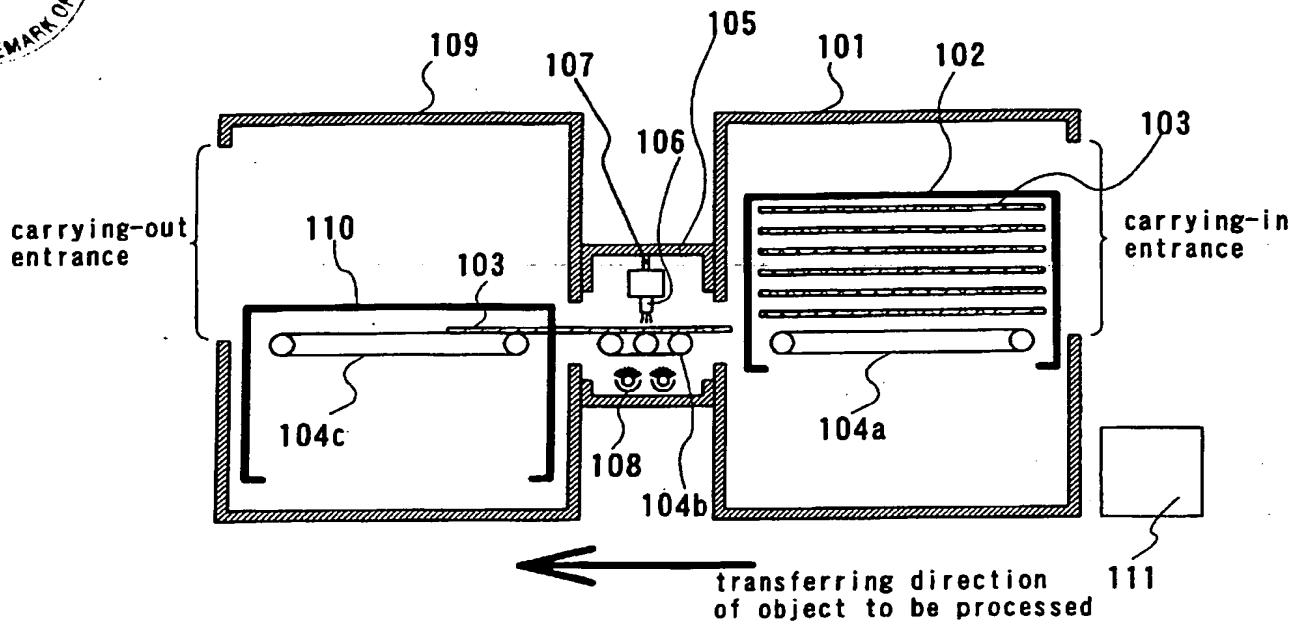


FIG. 1A

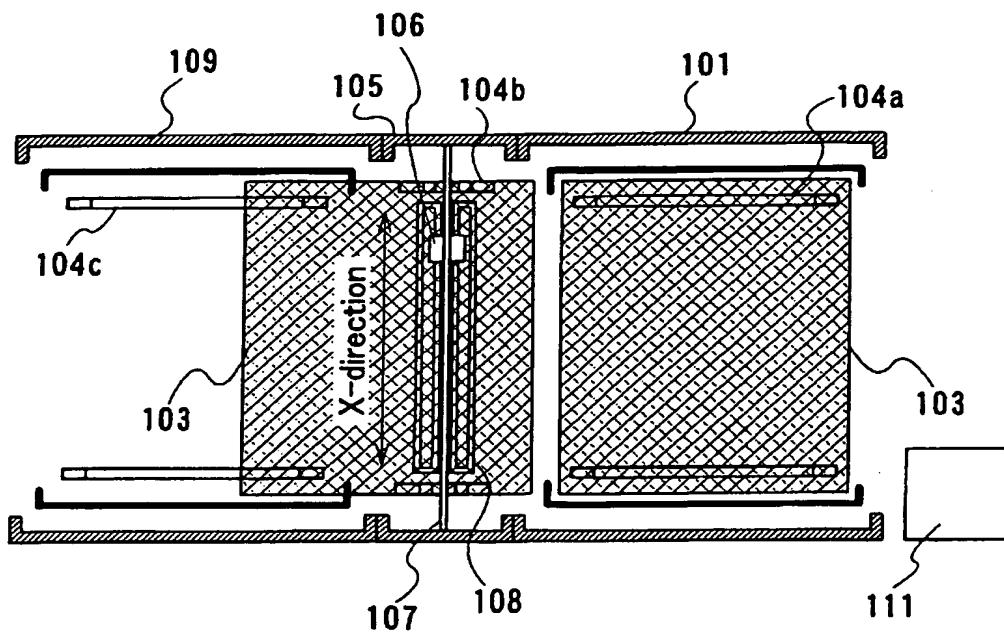


FIG. 1B

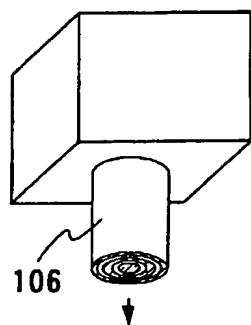


FIG. 2A

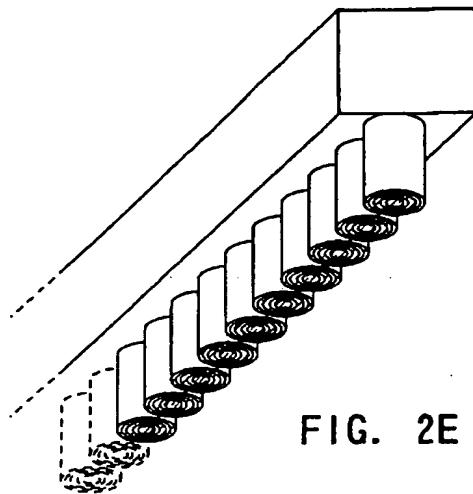


FIG. 2E

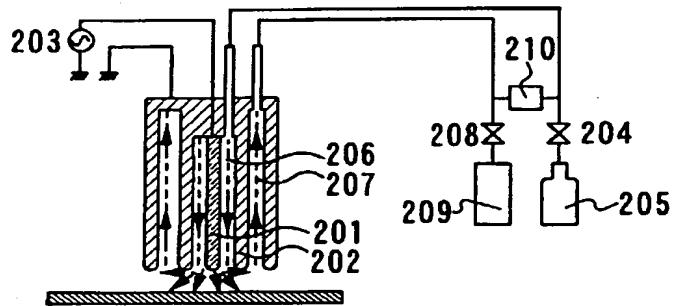


FIG. 2B

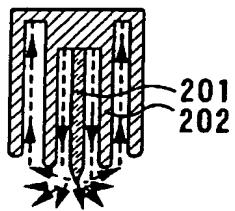


FIG. 2C

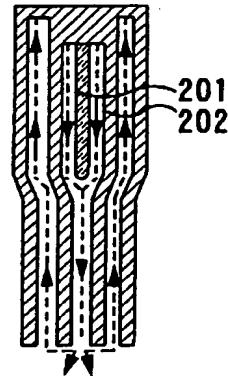


FIG. 2D

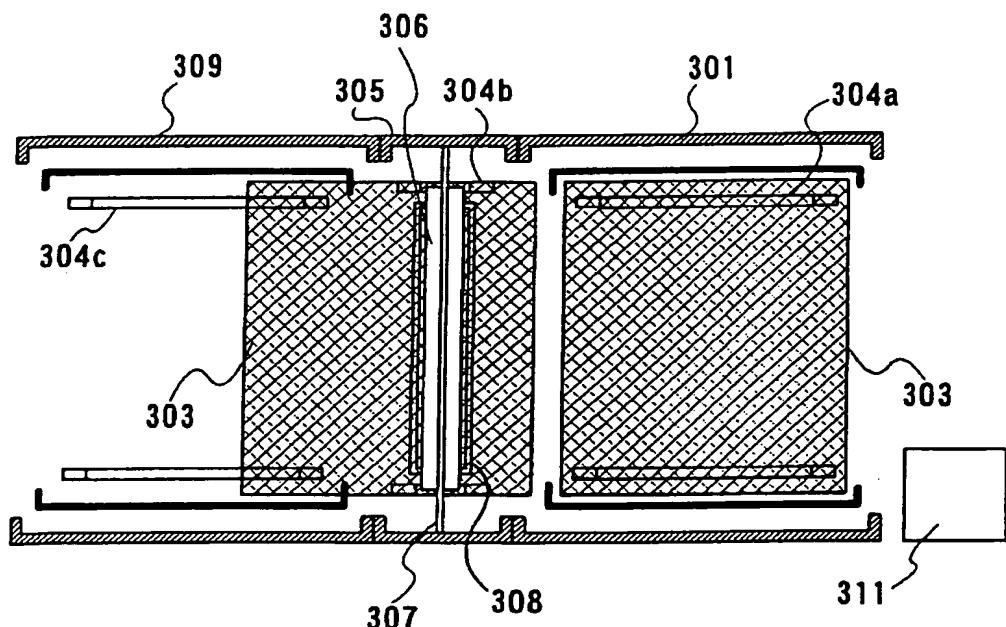
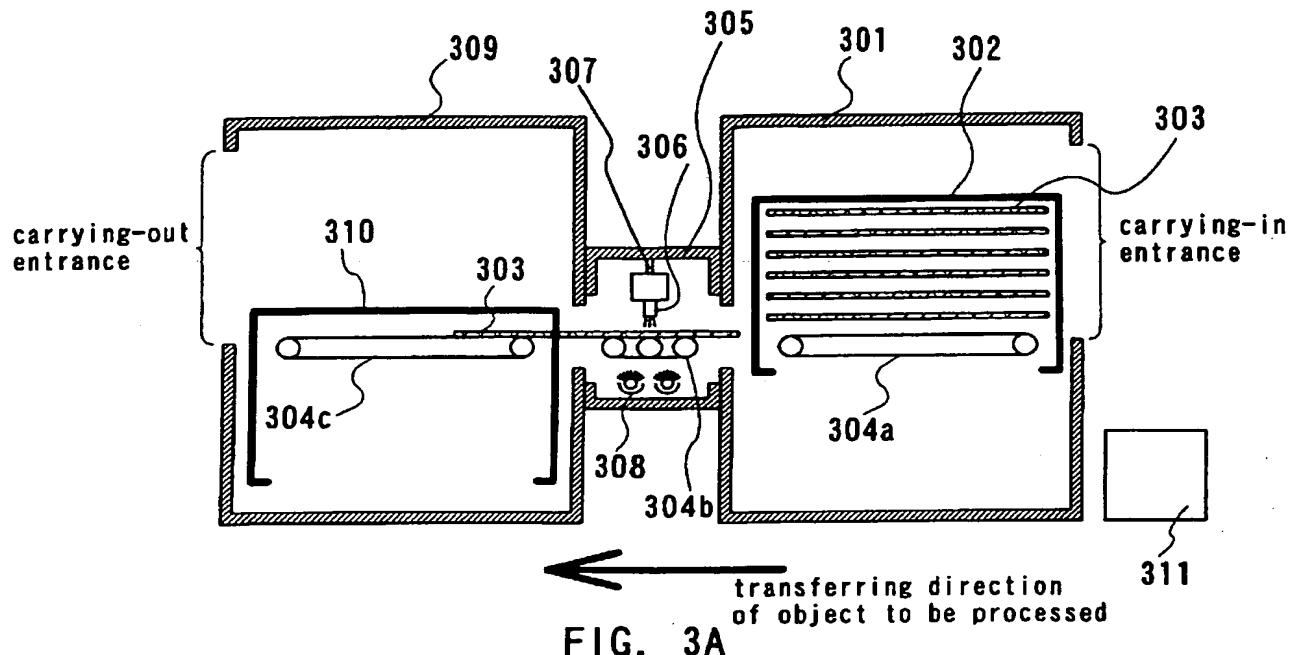


FIG. 3B

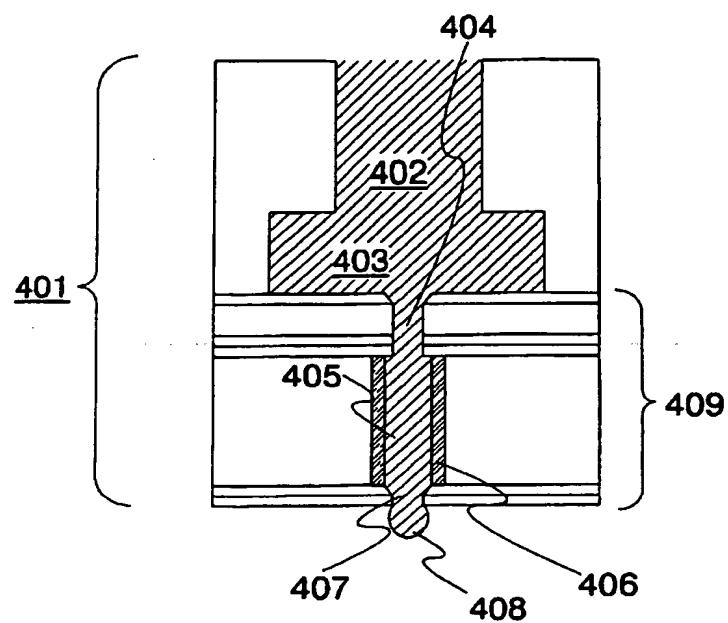
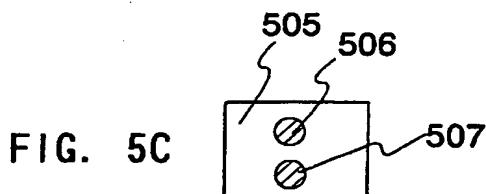
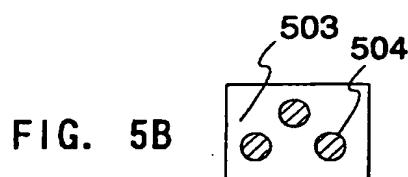
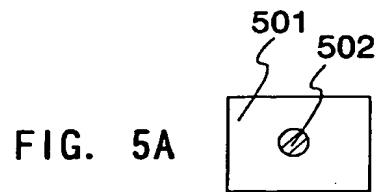
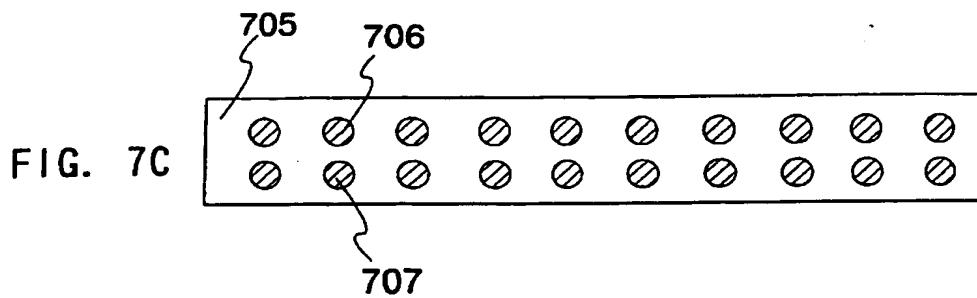
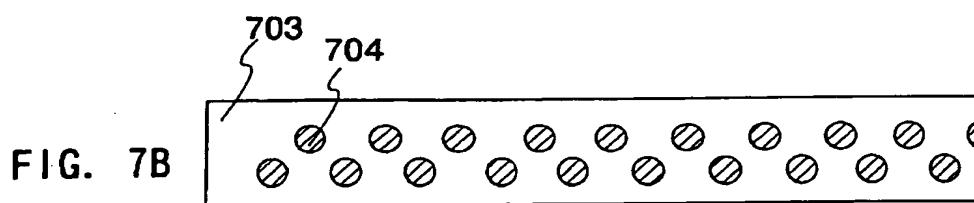
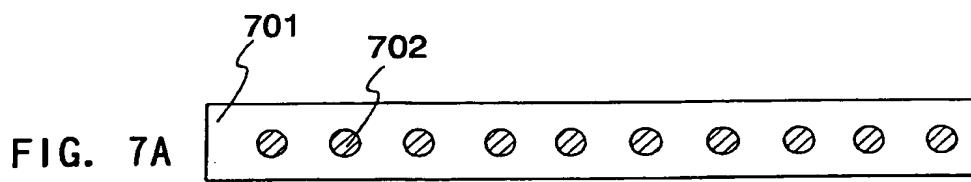
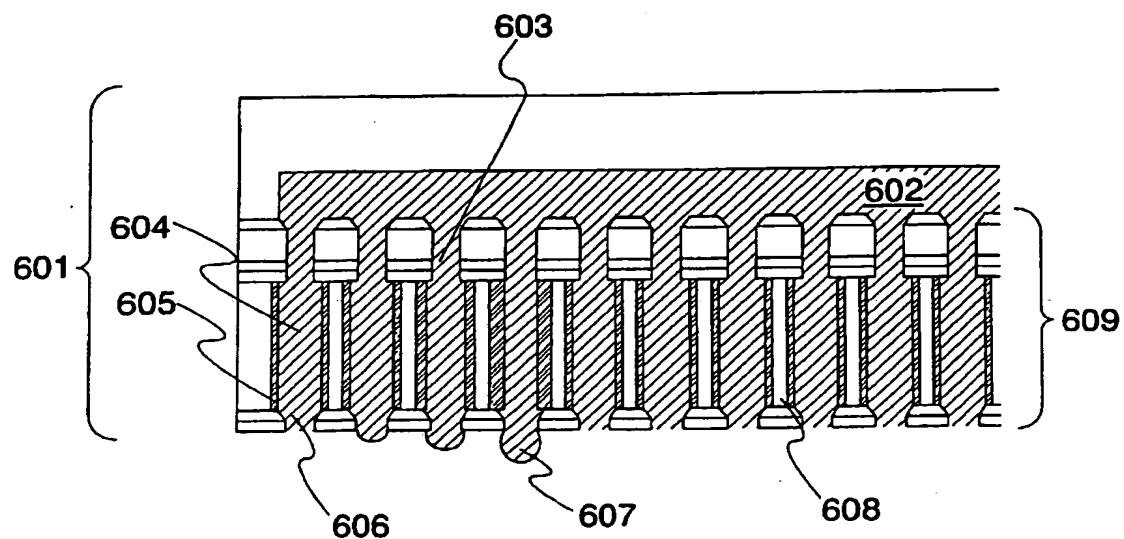


FIG. 4





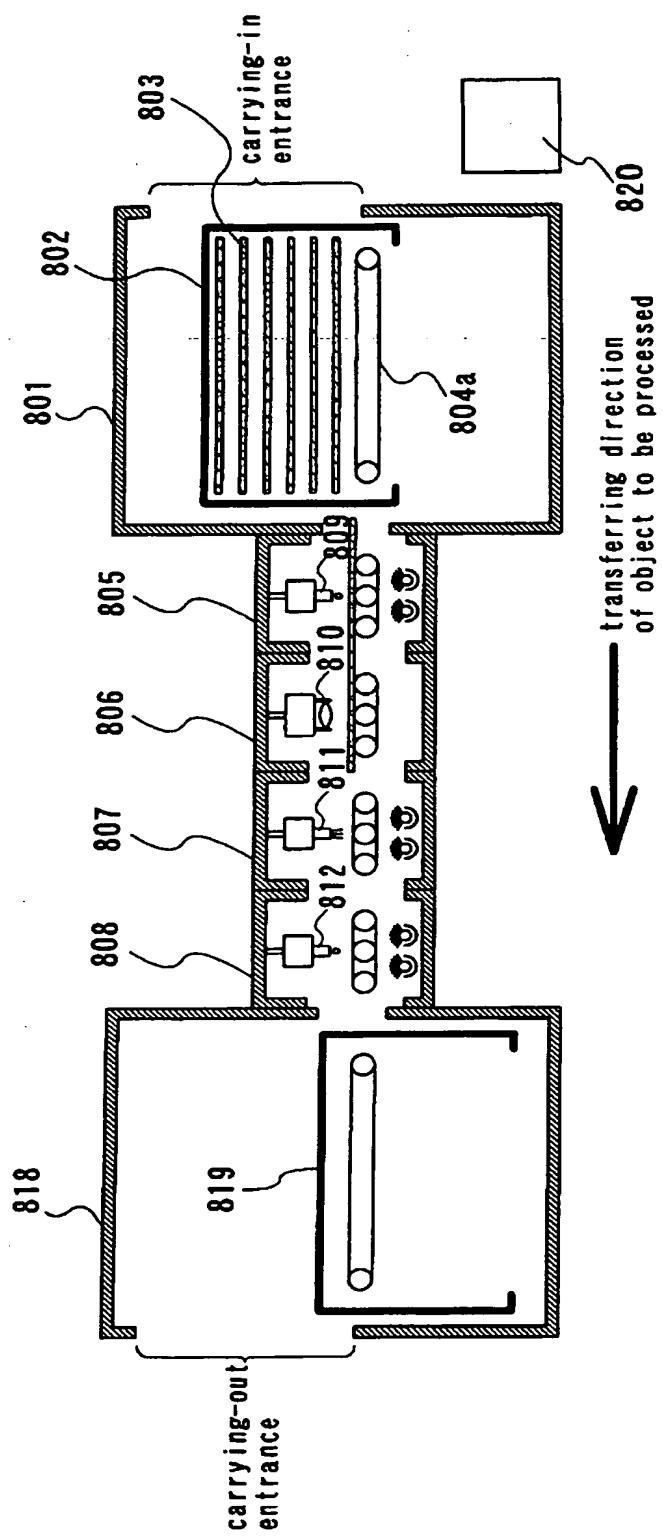


FIG. 8

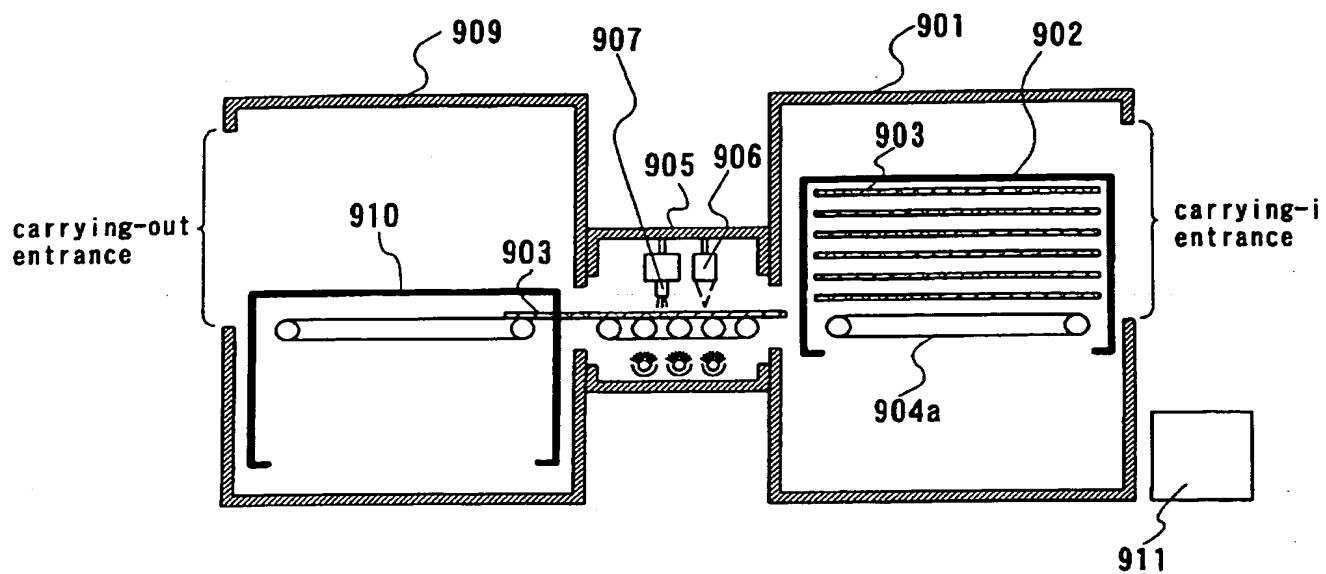


FIG. 9A

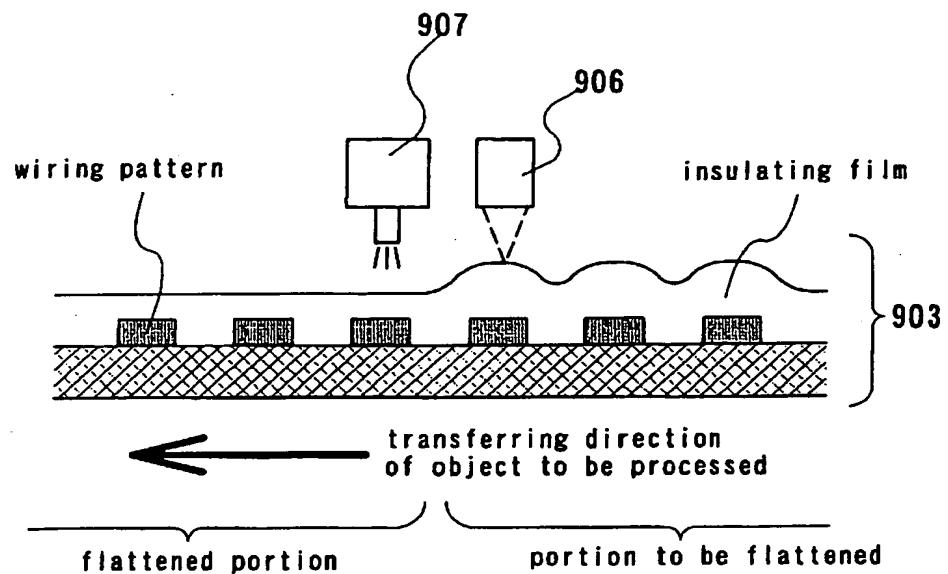


FIG. 9B

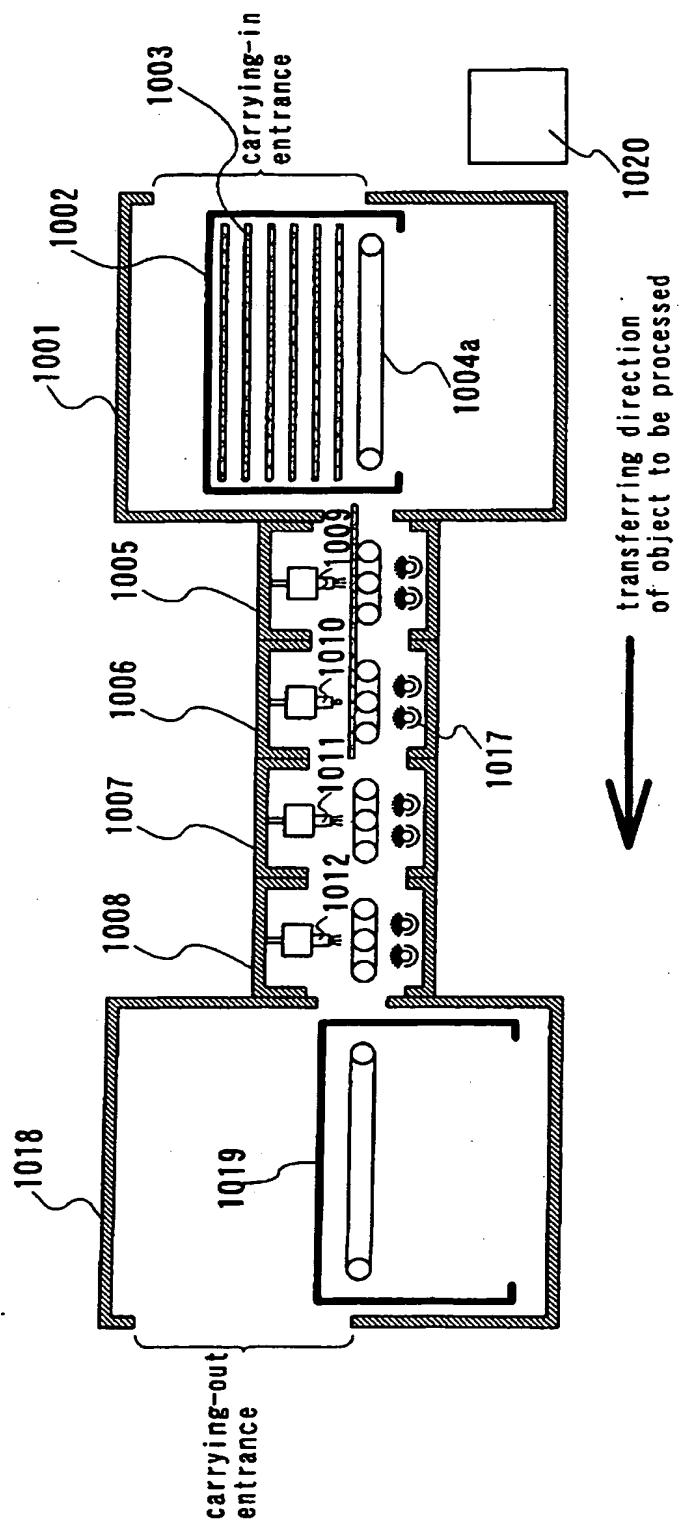


FIG. 10

FIG. 11A

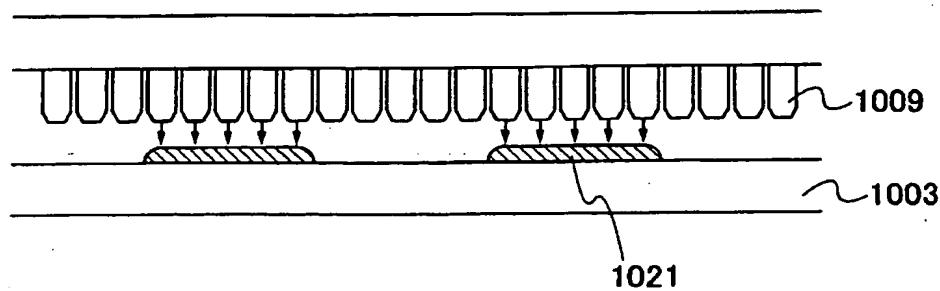


FIG. 11B

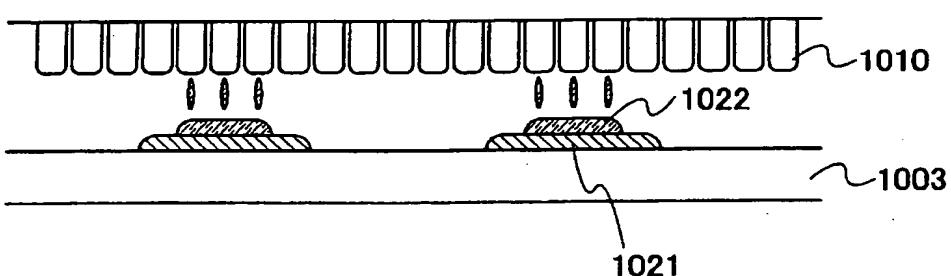


FIG. 11C

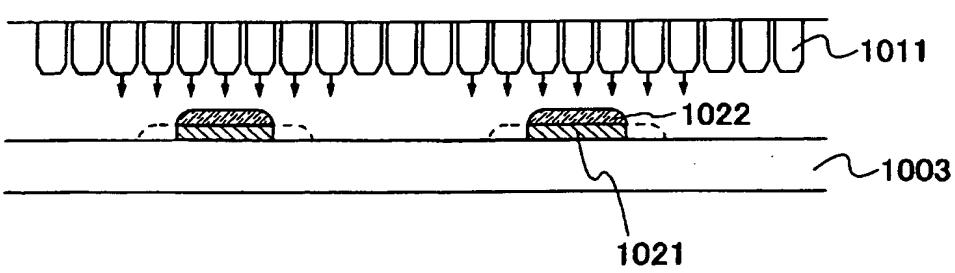
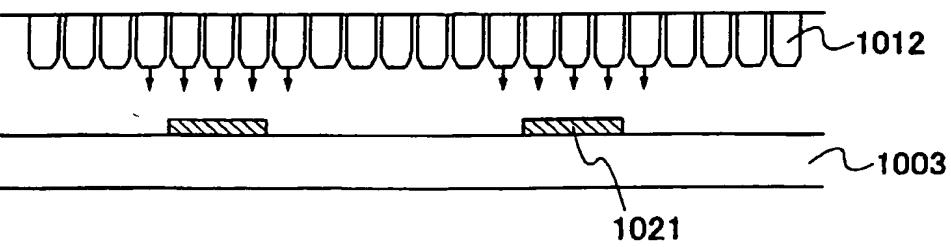


FIG. 11D



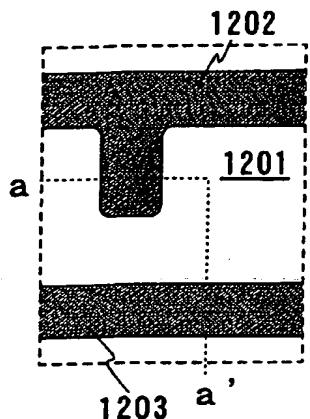


FIG. 12A

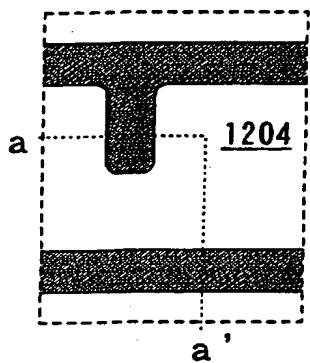
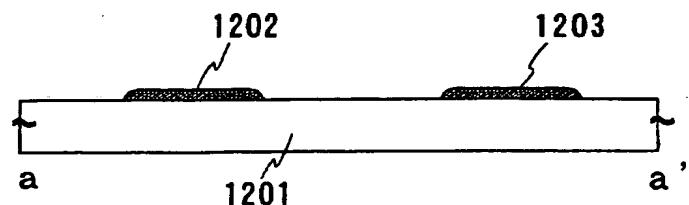


FIG. 12B

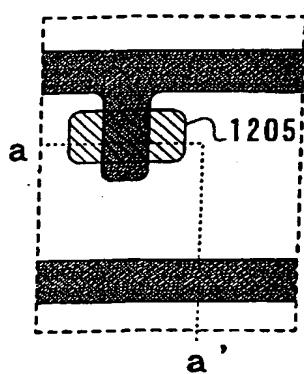
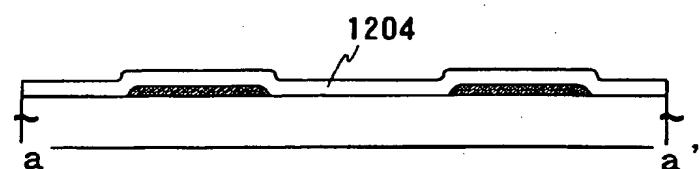
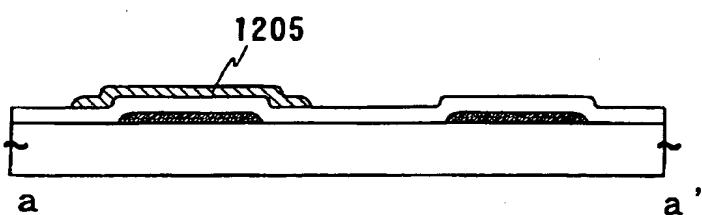


FIG. 12C



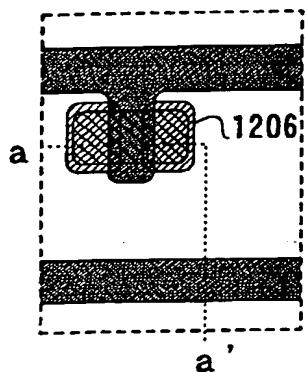


FIG. 13A

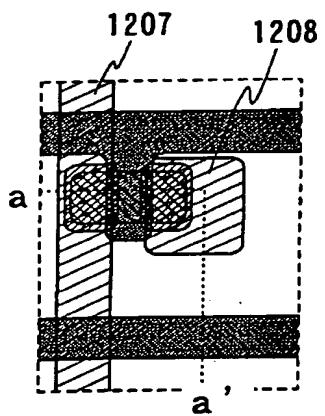
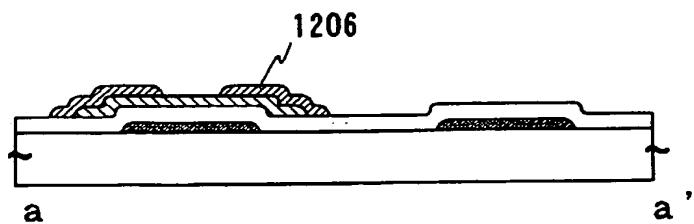


FIG. 13B

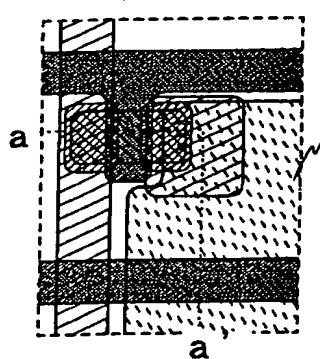
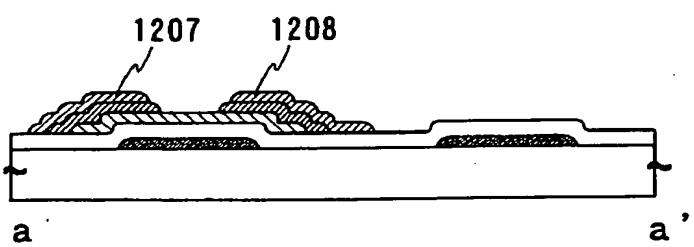
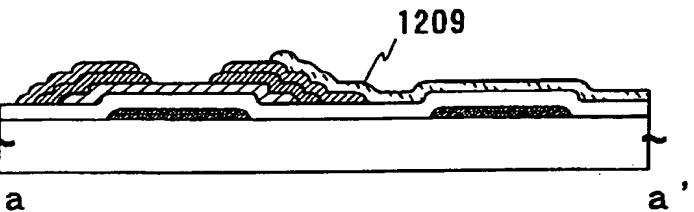


FIG. 13C



12/13

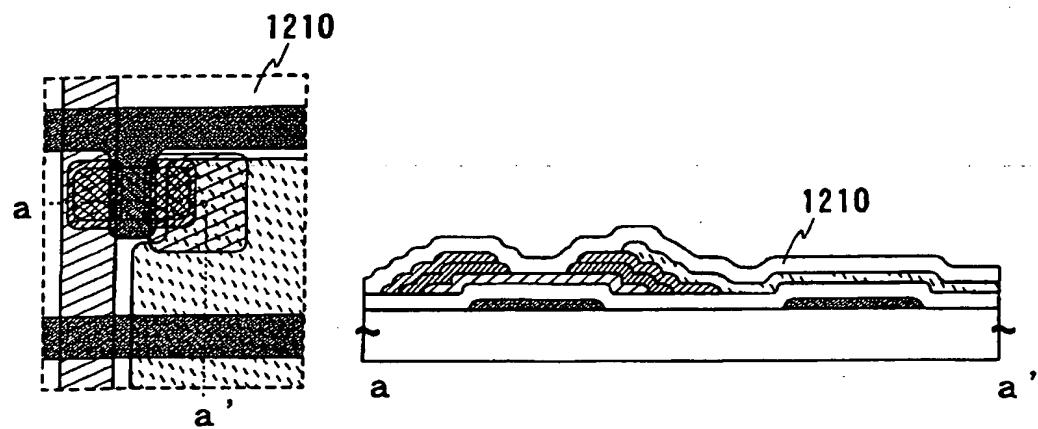


FIG. 14

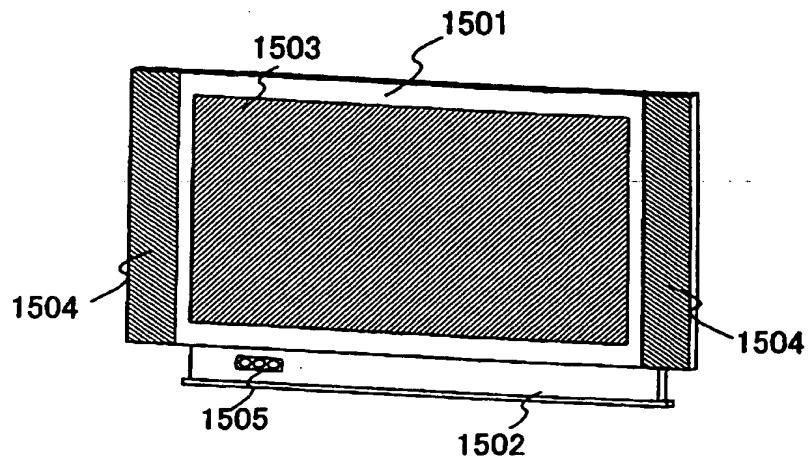


FIG. 15A

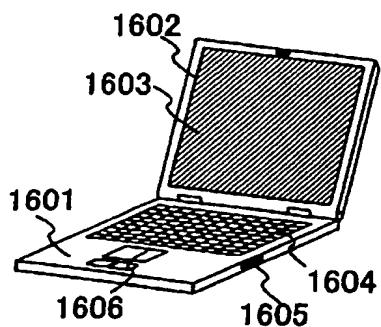


FIG. 15B

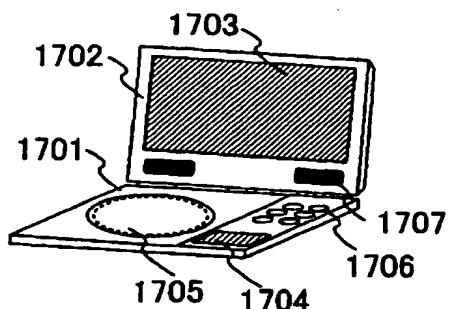


FIG. 15C

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**